IN THE CLAIMS:

26.     (Once Amended) A system for generating a high-luminance viewing window on a computer display device, comprising:

    a host computer system for running an application program;

    a processor device for automatically generating a window control signal in
        response to said application program;

    a window generator device, for receiving said window control signal, and for
        generating a window information signal; and

    a display control device included in said computer display device for receiving a video signal and said window information signal, for processing said video signal in response to said window information signal and for providing a processed video signal to a computer display screen [coupled to said computer display device for processing said window information signal and for providing a processed window information signal to said computer display device] to generate said high-luminance viewing window thereon.

33.     (Once Amended) The system of Claim 29 wherein said display control device is a video amplifier and said window control signal includes position and size information for said high-luminance viewing window [a video signal for receipt by said video amplifier].

35.     (Once Amended) The system of Claim 26 wherein said [window control signal generated by said processor device includes] host computer provides a horizontal synchronization (H Sync) signal and vertical synchronization (V Sync) signal.

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1   36.   (Once Amended) A method for generating a high-luminance viewing window on

2   a computer display device, comprising:

3      running an application program on a host computer;

4      generating a window control signal in response to said application program;

5      generating a window information signal in response to said window control

6         signal;

7      using a display control device for receiving <u>a video signal and said window</u>

8         <u>information signal, for processing said video signal in response to said</u>

9         <u>window information signal, and for providing a processed video signal to a</u>

10        <u>computer display screen to generate said high-luminance viewing window</u>

11        <u>thereon</u> [and processing said window information signal]; and

12      providing said processed window information signal to said computer display

13   device for generating said high-luminance viewing window thereon.

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1   39.   (Once Amended) The method of Claim 38 comprising using said ABL device for

2   providing an analog [video control] <u>window</u> signal to said video amplifier.

1   40.   (Once Amended) The method of Claim 39 wherein providing said analog [video

2   control] <u>window</u> signal to said video amplifier determines the gain of said video

3   amplifier.

1   41.   (Once Amended) The method of Claim 36 wherein generating said

2   high-luminance viewing window includes displaying information within said viewing

3   [widow] <u>window</u>, derived from said video data signal, distinct from information

4   displayed outside said viewing window.

1    42.     (Once Amended) The method of Claim 36 <u>further comprising</u> [wherein generating

2   said window control signal includes] generating a horizontal synchronization signal (H

3   Sync) and a vertical synchronization signal (V Sync).


1    43.     (Once Amended) A computer-readable medium containing instructions for

2   performing steps comprising:

3       running an application program on a host computer;

4       generating a window control signal in response to said application program, said

5            window control signal including a video data signal;

6       generating a window information signal in response to said window control

7            signal;

8       [processing said window information signal] using a display control device <u>for</u>

9            <u>receiving a video signal and said window information signal, for processing</u>

10          <u>said video signal in response to said window information signal</u>; and

11       providing <u>a processed video signal to a computer display screen to generate</u> said

12   [processed window information signal to a computer display device, said display device

13   producing a] high-luminance viewing window <u>thereon</u>.

1   45.    (Once Amended)  A system for generating high-luminance windows on a

2   display device, comprising:

3          means for running an application program, said application program providing a

4             video data signal;

5          means for generating a window control signal in response to said application

6             program;

7          means for generating a window information signal in response to said window

8             control signal;

9          means for processing said window information signal using a display control

10            device <u>for receiving a video signal and said window information signal</u>; and

11          means for applying <u>a processed video signal to a computer display screen</u> [said

12   window information signal to said control device] to generate said high-luminance

13   windows.

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concl.

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